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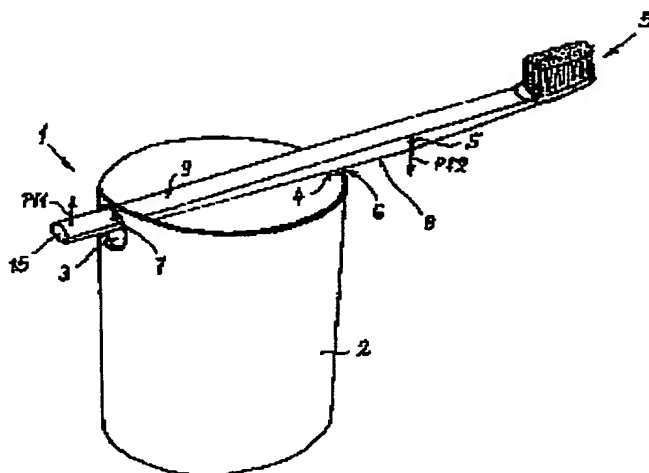


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(54) **SUPPORT DE BROSSA A DENT**
(54) **TOOTHBRUSH HOLDER**



(57) L'invention concerne un support de brosse à dent (1) servant à saisir des brosses à dent (5) et présentant un point d'appui (6) ainsi qu'un point de butée (7) placé à distance du point d'appui et permettant d'appliquer le manche de la brosse à dent sur des côtés opposés. Le point d'appui (6) est situé sur le côté arrière dans une zone orientée vers la tête de la brosse et le point de butée (7) est situé sur le côté intérieur dans une zone opposée à la tête de la brosse. Le plan de jonction des deux points de sollicitation est pratiquement horizontal et la distance entre les deux points d'appui (6, 7) est inférieure à l'écart entre le centre de gravité (8) de la brosse à dent (5) et l'extrémité arrière (15) du manche de la brosse.

(57) This invention concerns a toothbrush holder (1) which serves to support toothbrushes and has both a point of support (6) and, at a distance thereof, a point of abutment (7) for contact with the toothbrush handle on opposite sides. The point of support is provided on the back side in an area towards the brush head and the point of abutment on the inside in an area away from the toothbrush handle. The plane connecting both points of contact is essentially almost horizontal and the separation between the two points of support (6, 7) is less than the separation between the center of gravity (8) of the toothbrush (5) and the rear end (15) of the toothbrush handle.



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PCT
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(21) Internationales Aktenzeichen: PCT/JP97/03608 (22) Internationales Anmeldedatum: (6. Juli 1997 (16.07.97)) (30) Prioritätseintrag: 196 32 359.2 10. August 1996 (10.08.96) DE (71)(72) Anmelder und Erfinder: KOFESCHUBS, Heinz [DE/DE]; Gartenstrasse 4, D-79669 Zell (DE). (74) Anwälte: STIMMUT, Hans uzw.; Dreikönigsstrasse 13, D-79102 Freiburg (DE).		(51) Bezeichnungsklassen: AI, AU, BA, BB, BG, BR, CA, CN, CU, CZ, DE, EP, EU, IL, IS, JP, KP, KR, LC, LK, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, ARIPO Patent (GH, KP, LS, MW, SD, SZ, UG, ZW), europäisches Patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Veröffentlicht <i>mit internationalen Recherchenurteilen.</i> <i>Vor Ablauf der für Änderungen der Ansprüche vorgesehenen Frist. Veröffentlichung wird wiederholt falls Änderungen eintreffen.</i>
(54) Title: TOOTHBRUSH HOLDER (54) Beschreibung: ZAHNBÜRSTENHALTER <div data-bbox="467 976 950 1323" data-label="Image"> </div> (57) Abstract This invention concerns a toothbrush holder (1) which serves to support toothbrushes and has both a point of support (6) and, at a distance thereof, a point of abutment (7) for contact with the toothbrush handle on opposite sides. The point of support is provided on the back side in an area towards the brush head and the point of abutment on the inside in an area away from the toothbrush handle. The plane connecting both points of contact is essentially almost horizontal and the separation between the two points of support (6, 7) is less than the separation between the center of gravity (8) of the toothbrush (5) and the rear end (15) of the toothbrush handle.		


 90°C 180°C

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Claims

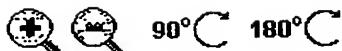
1. Toothbrush holder as a depository for toothbrushes, which in the use position engages the shaft-like toothbrush handle and is part of a toothbrush cup (2), wherein the toothbrush cup (2) has contact points for the toothbrush handle on opposite-lying wall sides, and wherein the connecting plane of the two contact points essentially runs approximately horizontally, characterized in that one of the contact points is formed by an upwardly opening edge recess (4) and forms a support point (6) for back side contact on the tooth brush handle in an area toward the brush head, that the other contact point is formed by a hole (3) on the opposite side of the toothbrush cup in the area near the upper edge and forms a counter support point (7) as tipping support for front side contact on the toothbrush handle in an area away from the brush head, and that the spacing of the two contact points is smaller than the spacing of the center of gravity (8) of the toothbrush from the rear end (15) of the toothbrush handle.
2. Toothbrush holder according to claim 1, characterized in that the contact point (6) formed by an edge recess (4) and/or the upper edge of the hole (3) forming the counter support point (7) is somewhat form-adapted to the shape of the handle back (8) or the handle front (9), in particular is rounded in form.

/Summary

[AMENDED PAGE]

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Toothbrush Holder

The invention relates to a toothbrush holder as a depository for toothbrushes, which in the use position at least partially engages the shaft-like toothbrush handle and is part of a toothbrush cup, wherein the toothbrush cup has contact points on opposite wall sides for the toothbrush handle, and wherein the connecting plane of the two contact points essentially runs approximately horizontally.

When applying toothpaste to the brush field, the toothbrush and the toothpaste tube as well are held with one hand, and the tube cap is opened with the other hand. After applying the toothpaste, the tube is generally closed again, whereby care must be taken, however, that the toothpaste applied does not fall from the brush.

For this process a not inconsiderable adroitness and routine are necessary which, however, in certain cases, are not present or cannot be present. It is thus frequently difficult for older persons in particular, but also for children, to get the toothpaste on the brush. In the case of persons with one arm, the problem exists that only one of the objects can be held, for which reason these persons manage by laying the toothbrush on the wash basin and then applying the toothpaste. Apart from the possibly hardly hygienic conditions directly on the wash basin, there is only a slight positional stability on the back of the laid-down toothbrush, so that it easily tips over sideways when the toothpaste is applied.

Toothbrush holders are already known into which toothbrushes are inserted and held after use (U.S. Patent 2,463, 668 or German Patent 569 589). In the simplest case, the toothbrush cup itself can serve as a holder. Other special holders are, however, also known which can optionally be constructed as holders for inserting a toothbrush cup and have in addition insertion openings for one or more toothbrushes, into which the

[AMENDED PAGE]

